AMENDMENTS TO THE CLAIMS

1. (**Currently Amended**) A method on an electronic device having an operating system for managing application resources on a single processor of the electronic device, the method comprising:

receiving a command indicating to execute an application on a single processor of an electronic device;

prior to any execution of any code associated with the application, the operating system reading at least one application resource requirement of the application by accessing metadata associated with the application, wherein the at least one application resource requirement is in a form of a Java Descriptor file; and

determining whether the at least one application resource requirement can be met by the electronic device, wherein the at least one application resource requirement includes at least one of: average MIPS, lowest MIPS, peak MIPS, screen refresh rate, and I/O bandwidth,

wherein if the at least one application resource requirement can be met by the electronic device when the application executes in foreground mode, executing the application in foreground mode,

wherein if the at least one application resource requirement can be met by the electronic device only when the application executes in background mode, executing the application on the single processor in background mode, and

wherein if the at least one application resource requirement cannot be met by the electronic device, preventing starting of execution of the application on the single processor, and:

indicating to a user of the electronic device that the application cannot be executed on the electronic device,

indicating to the user which application resource requirement cannot be met by the electronic device,

indicating to the user how the electronic device can be modified to meet the application resource requirement,

prompting the user for agreement to modify the electronic device,

in response to a command indicating agreement, modifying the electronic device to meet the application resource requirement associated with the application, and

starting the execution of the application on the single processor of the electronic device.

2. (Previously Amended) The method of claim 3, wherein the electronic device is any one of a mobile telephone, a mobile pager, a wireless messaging device, a computer, a personal digital assistant, and a mobile communication system.

3. (Previously Amended) The method of claim 1, wherein the electronic device is a portable device.

4. (Previously Canceled)

5. (Previously Canceled)

6. (Previously Canceled)

7. (Previously Canceled)

8. (Previously Canceled)

9. (**Currently Amended**) A computer readable storage medium including computer instructions on an electronic device for managing application resources on the electronic device, the computer instructions including instructions for:

receiving a command on an electronic device to execute an application on a single processor of the electronic device, [[a]] the single processor ~~of the electronic device~~ capable of executing the application in one of a regular and a reduced performance mode;

prior to any execution of any code associated with the application, reading an application priority level application resource requirement of the application stored in metadata associated with the application, in which the application priority level application resource requirement indicates how important it is for the single processor to execute the application in the regular performance mode, and in which the metadata is in a form of a Java Descriptor file;

determining whether the application priority level application resource requirement can be met by the electronic device, wherein the application priority level application resource requirement includes at least one of:

average MIPS,

lowest MIPS,

peak MIPS,

screen refresh rate, and

I/O bandwidth;

if the application priority level application resource requirement allows the application to be executed in background mode, switching the execution of the application on the single processor between one of background mode and foreground mode, based upon current application resources; and

if the application priority level application resource requirement associated with the application includes a high priority level, then preventing the execution of other low priority applications on the single processor of the electronic device while the application that has a high priority level is being executed.

10. (Previously Amended) The computer readable storage medium of claim 11, wherein the electronic device is any one of a mobile telephone, a mobile pager, a wireless messaging device, and a mobile communication system.

11. (Previously Amended) The computer readable storage medium of claim 9, wherein the electronic device is a portable device.

12. (**Currently Amended**) The computer readable storage medium of claim 9, further comprising instructions for:

wherein if the application priority level application resource requirement can be met by the electronic device, executing the application on the single processor of the electronic device; and

wherein if the application priority level application resource requirement cannot be met by the electronic device, indicating to a user of the electronic device that the application cannot be executed on the single processor of the electronic device.

13. (Previously Canceled)

14. (Previously Canceled)

15. (Previously Canceled)

16. (Previously Canceled)

17. (**Currently Amended**) An electronic device, comprising:

a secure digital input/output (I/O) slot for receiving a MPEG4 video clip from a secure digital I/O card;

a memory ~~including an application residing~~ for storing the MPEG4 video clip on the electronic device;

a user interface for receiving a command indicating that a user of the electronic device desires to execute ~~an application~~ the MPEG4 video clip;

a file associated with the ~~application~~ MPEG4 video clip, the file including at least one application resource requirement of the ~~application~~ MPEG4 video clip, wherein the at least one application resource requirement includes I/O bandwidth;

a processor;

an operating system for making a determination, prior to any execution of any code associated with the ~~application~~ MPEG4 video clip, whether the ~~at least one~~ I/O bandwidth application resource requirement can be met by the electronic device~~, wherein the at least one application resource requirement includes at least one of: average MIPS, lowest MIPS, peak MIPS, screen refresh rate, and I/O bandwidth~~;

wherein the determination is made by the operating system accessing metadata of the file;

wherein if the ~~at least one~~ I/O bandwidth application resource requirement can be met by the electronic device when the ~~application~~ MPEG4 video clip executes in foreground mode, the processor executing the ~~application~~ MPEG4 video clip in foreground mode, and

~~wherein if the at least one application resource requirement can be met by the electronic device only when the application executes in background mode, the processor executing the application in background mode, and~~

wherein if the ~~at least one~~ I/O bandwidth application resource requirement cannot be met by the electronic device, preventing any starting of the execution of the ~~application~~ MPEG4 video clip; and

a display, for indicating to the user that the ~~application~~ MPEG4 video clip cannot be executed on the electronic device without performance of the MPEG4 video clip being adversely affected, for indicating to the user ~~which~~ that the I/O bandwidth application resource requirement cannot be met by the electronic device, for indicating to the user how the electronic device can be modified to meet the I/O bandwidth application resource requirement, and for prompting the user for agreement to modify the electronic device, in which the user interface receives a command

indicating that the user agrees to a modification of the electronic device to meet the I/O bandwidth application resource requirement of the application, in which the processor modifies the electronic device, and in which, subsequent to modifying the electronic device, the processor executes the ~~application~~ MPEG4 video clip on the electronic device.

18. (Previously Amended) The electronic device of claim 24, wherein the electronic device is any one of a mobile telephone, a mobile pager, a wireless messaging device, and a mobile communication system.

19. (Previously Canceled)

20. Previously Canceled)

21. (Previously Canceled)

22. (Previously Canceled)

23. (Previously Canceled)

24. (Previously Added) The electronic device of claim 17, wherein the electronic device is a portable device.

25. (**New**) The electronic device of claim 17, wherein the file associated with the MPEG4 video clip includes a priority level, and, if the priority level is high, then preventing the execution of low priority applications.